
DEPARTMENT OF THE ARMY 01500.TD
CORPS OF ENGINEERS, TULSA DISTRICT Dec 96

TULSA DISTRICT GUIDE SPECIFICATION

SECTION 01500

CONSTRUCTION FACILITIES AND TEMPORARY CONTROLS

1 GENERAL

1.1 AVAILABILITY AND USE OF UTILITY SERVICES (APR 1994) (FAR 52.236-14)

1.1.1 Availability

The Government will make available to the Contractor, from existing outlets and supplies, all reasonably required amounts of utilities as specified in the Contract. Unless otherwise provided in the contract, the amount of each utility service consumed shall be charged to or paid for by the Contractor at prevailing rates charged to the Government or, where the utility is produced by the Government, at reasonable rates determined by the Contracting Officer. The Contractor shall carefully conserve any utilities furnished without charge.

1.1.2 Use

The Contractor, at its expense and in a workmanlike manner satisfactory to the Contracting Officer, shall install and maintain all necessary temporary connections and distribution lines, and all meters required to measure the amount of each utility used for the purpose of determining charges. Before final acceptance by the Government, the Contractor shall remove all the temporary connections, distribution lines, meters, and associated paraphernalia.

USE THE FOLLOWING PARAGRAPH WHEN UTILITIES ARE
FURNISHED THE CONTRACTOR WITHOUT CHARGE.

1.2 PAYMENT FOR UTILITY SERVICES (APR 1984)

Water, gas, and electricity are available from Government owned and operated systems and will be furnished without charge to the Contractor.

USE THE FOLLOWING PARAGRAPH WHEN THE CONTRACTOR WILL
BE CHARGED FOR UTILITIES. USE THIS PARAGRAPH FOR ALL
PROJECTS AT FORT SILL.

1.3 PAYMENT FOR UTILITY SERVICES (APR 1984)

USE THE FOLLOWING PARAGRAPH FOR AS REQUIRED EXCEPT AT
FT. SILL.

Water, gas, and electricity are available from Government-owned and - operated systems and will be charged to the Contractor at rates as provided in the paragraph "Availability and Use of Utility Services."

USE THE FOLLOWING PARAGRAPH FOR FT. SILL.

Utilities shall be paid for by the Contractor at the following rates:

Utility Service	Unit Quantity	Cost (\$)
Electricity	KWH	0.0268
Natural Gas	1,000 CF	4.4814
Water	1,000 Gal	0.7170
Sewage Treatment	1,000 Gal	2.3991
Sanitary landfill	Ton	10.0
Rubble Pit	Ton	6.0
Asbestos Waste	Ton	36.0
Lead Waste (DRMO)	Pound	0.2500
Hazardous Waste (DRMO)	Pound	1.35
Contaminated Soil	Pound	0.1400

1.4 UTILITY SERVICES (APR 1984)

No utilities will be furnished by the Government.

**USE THE FOLLOWING PARAGRAPH IN CONTRACTS WHERE
IDENTIFICATION IS REQUIRED FOR SECURITY OR OTHER
REASONS.**

1.5 IDENTIFICATION OF EMPLOYEES (APR 1985)

The Contractor shall furnish identification to each employee as directed by the Contracting Officer. Upon the release of any employee, the identification shall be delivered to the Contracting Officer for cancellation .

USE THE FOLLOWING PARAGRAPH FOR TINKER AFB CONTRACTS.

1.6 ISSUANCE OF IDENTIFICATION CREDENTIALS TO CONTRACTOR PERSONNEL AT TINKER AFB (SWTCD)

Temporary personnel identification credentials are issued by Tinker AFB for a period of 5 calendar days. Temporary cedentials may be renewed one time only for an additional 5 calendar days. The Contractor shall apply for and obtain long term identification credentials for his employees prior to the expiration of the 10 day maximum temporary pass period. Additional information for obtaining temporary and long term credentials may be obtained from the Contracting Officer.

1.7 HAUL ROADS (CESWT-CT)

1.7.1 One-Way Roads

Whenever practical, one-way haul roads shall be used on this contract. One-way haul roads for off-the-road equipment (e.g., belly dumps, scrapers, and off-the-road trucks) shall have a minimum usable width of 25 feet 7.6 meters. One-way haul roads for over-the-road haulage equipment only (e.g., dump trucks, etc.) may be reduced to a usable width of 15 feet 4.6 meters. When the Contracting Officer determines that it is impractical to obtain the required width for one-way haul roads (e.g., a road on top of a levee), a usable width of not less than 10 feet 3 meters may be approved by the Contracting Officer, provided a positive means of traffic control is implemented. Such positive means shall be signs, signals, and/or signalman and an effective means of speed control.

1.7.2 Two-Way Roads

Two-way haul roads for off-the-road haulage equipment shall have a usable width of 60 feet 18.2 meters. Two-way haul roads for over-the-road haulage equipment only may be reduced to a usable width of 30 feet 9.1 meters.

1.7.3 Maintenance

Haul roads shall be graded and otherwise maintained to keep the surface free from potholes, ruts, and similar conditions that could result in unsafe operation.

1.7.4 Design

Grades and curves shall allow a minimum sight distance of 200 feet 61 meters for one-way roads and 300 feet 91 meters for two-way roads. Sight distance is defined as the centerline distance an equipment operator (4.5 feet 1.4 meters above the road surface) can see an object 4.5 feet 1.4 meters above the road surface. When conditions make it impractical to obtain the required sight distance (e.g., ramps over levees), a positive means of traffic control shall be implemented.

1.7.5 Dust Control

Dust abatement shall permit observation of objects on the roadway at a minimum distance of 300 feet 91 meters .

1.7.6 Markings

Haul roads shall have the edges of the usable portion marked with posts at intervals of 50 feet 15.25 meters on curves and 200 feet 61 meters maximum elsewhere. Such markers shall extend 6 feet 1.8 meters above the road surface and, for nighttime haulage, be provided with reflectors in both directions.

USE THE FOLLOWING PARAGRAPH FOR TINKER AIR FORCE BASE
CONTRACTS INVOLVING CONSTRUCTION AT OR NEAR AIRFIELDS.

1.7.7 Debris and Spillage

Paved haul routes shall be maintained clean and free of debris and spillage resulting from Contractor operations. The Contractor shall provide a

vacuum-type sweeper for haul route maintenance which shall be on-site and operational at all times. The Contracting Officer or may, at any time, direct the Contractor to sweep the haul route.

1.8 MOWING

Grass and weedy vegetation within the areas utilized by the Contractor, including work areas, administrative areas, and storage areas, shall be kept mowed to control vegetative growth. Vegetation shall be mowed to a height of 3 inches 75 mm when it reaches a height of 6 inches 150 mm. Mowing shall be done with a rotary mower. Mowing shall be done during periods and in such a manner that the soil and grass will not be damaged. Areas adjacent to trees, shrubs, fences, buildings, etc. shall be hand trimmed. The Government may, after notice to the Contractor and at the discretion of the Contracting Officer, mow the Contractor's areas at any time the vegetation height exceeds 6 inches 150 mm and all costs incurred by the Government for performing such work will be deducted from the contract.

USE THE FOLLOWING FOR CIVIL ONLY:

1.9 PLANT LAYOUT DRAWINGS (CESWT-CT)

Drawings, in triplicate, showing the layout of the plant the Contractor proposes to use on the work shall be submitted by the Contractor for review by the Contracting Officer. The drawings shall show the locations of the principal components of the construction plant; offices; shop and storage buildings; housing facilities, if any; and storage areas and yards which Contractor proposes to construct at the site of the work and elsewhere. The Contractor shall also furnish for review by the Contracting Officer drawings in triplicate, showing the general features of his aggregate processing plant; aggregate transporting, storage and reclaiming facilities; aggregate rinsing and dewatering plant, if required; coarse aggregate rescreening plant, if required; concrete batching and mixing plant; concrete conveying and placing plant, and when precooling of concrete is required, the cooling plant. The drawing shall appropriately show the capacity of each major feature of the plan including the rated capacity of the aggregate production plant in tons per hour of fine and coarse aggregates; rated capacity of the aggregate transporting, storage and reclaiming facilities; volume of aggregate storage; capacity of cement and pozzolan storage; rated capacity of the concrete batching and mixing plant in cubic yards per hour; rated capacity of the concrete transporting and placing plant in cubic yards per hour; and when used, rated capacity of plant for precooling of concrete. Drawings in triplicate showing any changes in plant made during design and erection or after the plant is in operation shall be submitted to the Contracting Officer for review. Two sets of the drawings will be retained by the Contracting Officer and one set will be returned to the Contractor with comments.

NOTE: USE THE FOLLOWING FOR MILITARY BUILDING
PROJECTS WHEN IT IS CONSIDERED FEASIBLE BY TM OR
GENERAL ENGINEERING SECTION TO ALLOCATE A PORTION OF
THE PARKING LOT FOR STAGING.

1.10 STAGING AREA PREPARATION (REQUEST BY DE, JUL 91)

The Contractor's staging area or areas shall be located within the boundaries of the project parking lots shown. The staging area(s) shall be prepared by the Contractor to the limits as [required] [shown] for the Contractor's temporary field office facilities, material storage, parking, [Government offices], and other necessary staging activities. The Contractor shall prepare the staging area and the driveway access by grading and constructing in accordance with the plans and specifications. The parking area and drives may be constructed to pavement completion or to partial completion as desired but shall be not less than the construction of base course. The Contractor shall be responsible for the maintenance of all completed or partially completed construction and shall repair any damage prior to acceptance of the project.

2 PRODUCTS (NOT APPLICABLE)

3 EXECUTION (NOT APPLICABLE)

--End of Section--